

fw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

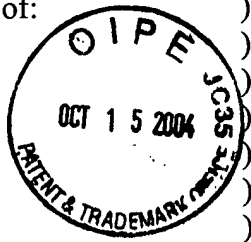
In re patent application of:

Donald J. Frasier et al.

Serial No. 10/632,504

Filed August 1, 2003

METHOD AND APPARATUS  
FOR PRODUCTION OF A  
CAST COMPONENT



) Before the Examiner  
) Not Yet Assigned

) Group Art Unit 1765

) Our Ref.: 6001-963

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on

October 11, 2004

(Date of Deposit)

John H. Allie

Name of Registered Representative

Signature  
October 11, 2004  
Date of Signature

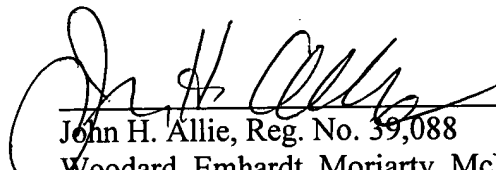
**CLARIFICATION ON PATENT PRACTITIONERS ON PRIOR FILED  
POWER OF ATTORNEY**

Office of Initial Patent Examination's  
Filing Receipt Corrections  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In the present application, a Declaration and Power of Attorney for Patent Application was filed which included more than ten registered patent practitioners. However, the undersigned attorney of record includes herein a list of no more than ten patent practitioners that were named in the original Power of Attorney who are to be recognized by the United States Patent Office. The attorneys to be recognized include: John H. Allie, 39,088; Clifford W. Browning, 32,201; Kenneth A. Gandy, 33,386; L. Scott Paynter, 39,797; Arthur J. Usher, IV, 41,359. Please contact the undersigned if any further information is required.

Respectfully submitted,

  
John H. Allie, Reg. No. 39,088  
Woodard, Emhardt, Moriarty, McNett & Henry LLP  
Bank One Center Tower  
111 Monument Circle, Suite 3700  
Indianapolis, Indiana 46204-5137  
(317) 634-3456



6001-783:hms:68596

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

Docket No. 27:6001-783

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR PRODUCTION OF A CAST COMPONENT**, the specification of which

(check one) ☐ is attached hereto.  
☒ was filed on November 20, 1999 as Application Serial No. 09/444,155  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any provisional application listed below:

60/109,298  
(Application Serial No.)

US  
(Country)

20 November, 1998  
(Day/Month/Year filed)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/322,863  
(Application Serial No.)

May 28, 1999  
(Filing Date)

Pending  
(Status - patent/pending/abandoned)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status - patent/pending/abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18, 483; Joseph A. Naughton, Jr., No. 19, 814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M. Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, 37,996; John H. Allie, No. 39,088; Holiday W. Banta, No. 40,311; Troy J. Cole, No. 35,102; L. Scott Paynter, No. 39,797; J. Andrew Lowes, No. 40,706; Charles J. Meyer, No. P41,996; Darrin Wesley Harris, No. 40,636; Matthew R. Schantz, No. 40,800; Gregory B. Coy, No. 40,967; Lisa A. Hiday, No. 40,036; John V. Daniluck, No. 40,581, Christopher A. Brown, No. P41,642; Arthur J. Usher IV, No. 41,359; Douglas A. Collier, No. 43,556; R. Craig Tucker, No. 45,165; Scott J. Stevens, No. 29,446; and James B. Myers, No. 42,021.

Address all telephone calls to:  
Address all correspondence to:

John H. Allie at (317) 634-3456  
John H. Allie, Esquire  
Woodard, Emhardt, Naughton, Moriarty & McNett  
Bank One Center/Tower  
111 Monument Circle, Suite 3700  
Indianapolis, Indiana 46204-5137

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like

so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Donald J. Frasier

Inventor's  
Signature: Donald J. Frasier Date of Signature: March 3, 2000  
Residence: 2496 Lake Crossing, Greenwood, IN 46143  
Citizenship: U.S.A.  
Post Office Address: 2496 Lake Crossing, Greenwood, IN 46143

Full name of sole or first inventor: M. Eric Schlienger

Inventor's  
Signature: M. Eric Schlienger Date of Signature: March 7, 2000  
Residence: 48 Firefly Lane, Napa, CA 94558  
Citizenship: U.S.A. 20 Helman Ct.  
Post Office Address: 48 Firefly Lane, Napa, CA 94558

Full name of sole or first inventor: Guy Allen Brady

Inventor's  
Signature: Guy Allen Brady Date of Signature: 2/23/2000  
Residence: 1105 Farmview Court, Carmel, IN 46032  
Citizenship: U.S.A.  
Post Office Address: 1105 Farmview Court, Carmel, IN 46032

Full name of sole or first inventor: Matthew T. Kush

Inventor's  
Signature: Matthew T. Kush Date of Signature: February 28, 2000  
Residence: 1249 Palo Vista Rd., Greenwood, IN 46142 <sup>3</sup> <sup>MTIC</sup>  
Citizenship: U.S.A.  
Post Office Address: 1249 Palo Vista Rd., Greenwood, IN 46142 <sup>3</sup> <sup>MTIC</sup>

Full name of sole or first inventor: Patrick A. Vessely

Inventor's  
Signature: Patrick A. Vessely Date of Signature: FEB 28, 2000  
Residence: 2502 E. 202<sup>nd</sup> St., Westfield, IN 46074  
Citizenship: U.S.A.  
Post Office Address: 2502 E. 202<sup>nd</sup> St., Westfield, IN 46074



6001-783:hms:68596

DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

Docket No. 27:6001-783

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **METHOD AND APPARATUS FOR PRODUCTION OF A CAST COMPONENT**, the specification of which

(check one) ☐ is attached hereto.

☒ was filed on November 20, 1999 as Application Serial No. 09/444,155  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	_____ Yes	_____ No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any provisional application listed below:

60/109,298  
(Application Serial No.)

US  
(Country)

20 November, 1998  
(Day/Month/Year filed)

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

09/322,863  
(Application Serial No.)

May 28, 1999  
(Filing Date)

Pending  
(Status - patent/pending/abandoned)

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

\_\_\_\_\_  
(Status - patent/pending/abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Harold R. Woodard, No. 16,214; C. David Emhardt, No. 18, 483; Joseph A. Naughton, Jr., No. 19, 814; John V. Moriarty, No. 26,207; John C. McNett, No. 25,533; Thomas Q. Henry, No. 28,309; James M. Durlacher, No. 28,840; Charles R. Reeves, No. 28,750; Vincent O. Wagner, No. 29,596; Steve Zlatos, No. 30,123; Spiro Bereveskos, No. 30,821; William F. Bahret, No. 31,087; Clifford W. Browning, No. 32,201; R. Randall Frisk, No. 32,221; Daniel J. Lueders, No. 32,581; Kenneth A. Gandy, No. 33,386; Timothy N. Thomas, No. 35,714; Kerry P. Sisselman, No. 37,237; Kurt N. Jones, 37,996; John H. Allie, No. 39,088; Holiday W. Banta, No. 40,311; Troy J. Cole, No. 35,102; L. Scott Paynter, No. 39,797; J. Andrew Lowes, No. 40,706; Charles J. Meyer, No. P41,996; Darrin Wesley Harris, No. 40,636; Matthew R. Schantz, No. 40,800; Gregory B. Coy, No. 40,967; Lisa A. Hiday, No. 40,036; John V. Daniluck, No. 40,581; Christopher A. Brown, No. P41,642; Arthur J. Usher IV, No. 41,359; Douglas A. Collier, No. 43,556; R. Craig Tucker, No. 45,165; Scott J. Stevens, No. 29,446; and James B. Myers, No. 42,021.

Address all telephone calls to:  
Address all correspondence to:

John H. Allie at (317) 634-3456  
John H. Allie, Esquire  
Woodard, Emhardt, Naughton, Moriarty & McNett  
Bank One Center/Tower  
111 Monument Circle, Suite 3700  
Indianapolis, Indiana 46204-5137

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like

so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Donald J. Frasier

Inventor's

Signature: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

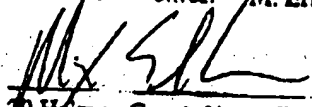
Residence: 2496 Lake Crossing, Greenwood, IN 46143

Citizenship: U.S.A.

Post Office Address: 2496 Lake Crossing, Greenwood, IN 46143

Full name of sole or first inventor: M. Eric Schlienger

Inventor's

Signature: 

Date of Signature: 3/13/00

Residence: 20 Helman Court, Napa, CA 94558

Citizenship: U.S.A.

Post Office Address: 20 Helman Court, Napa, CA 94558

Full name of sole or first inventor: Cluy Allen Brady

Inventor's

Signature: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

Residence: 1105 Farmview Court, Carmel, IN 46032

Citizenship: U.S.A.

Post Office Address: 1105 Farmview Court, Carmel, IN 46032

Full name of sole or first inventor: Matthew T. Kush

Inventor's

Signature: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

Residence: 1249 Palo Vista Rd., Greenwood, IN 46143

Citizenship: U.S.A.

Post Office Address: 1249 Palo Vista Rd., Greenwood, IN 46142

Full name of sole or first inventor: Patrick A. Vessely

Inventor's

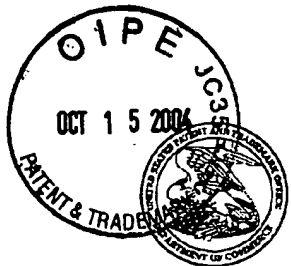
Signature: \_\_\_\_\_

Date of Signature: \_\_\_\_\_

Residence: 2502 E. 202<sup>nd</sup> St., Westfield, IN 46074

Citizenship: U.S.A.

Post Office Address: 2502 E. 202<sup>nd</sup> St., Westfield, IN 46074



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/632,504	08/01/2003	1765	750	6001-963	49	13	1

Woodard, Emhardt, Moriarty, McNett & Henry LLP  
 Bank One Center/Tower  
 Suite 3700  
 111 Monument Circle  
 Indianapolis, IN 46204-5137

**RECEIVED**  
**SEP 22 2004**

Woodard, Emhardt, Moriarty,  
 McNett & Henry LLP

CONFIRMATION NO. 4391

## UPDATED FILING RECEIPT



\*OC000000013845147\*

Date Mailed: 09/20/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Donald J. Frasier, Greenwood, IN;  
 M. Eric Schlienger, Napa, CA;

## Power of Attorney:

HAROLD RAYMOND WOODARD—  
 16214

C. DAVID EMHARDT—18483

JOSEPH A. NAUGHTON JR.—19814

JOHN C. MC NETT—25533

John Moriarty—26207

Thomas Henry—28309

Charles Reeves—28750

James Durlacher—28840

Scott Stevens—29446

Vincent Wagner—29596

## Domestic Priority data as claimed by applicant

This application is a DIV of 10/462,168 06/16/2003  
 which is a CON of 09/444,155 11/20/1999 ABN  
 which claims benefit of 60/109,298 11/20/1998  
 and is a CIP of 09/322,863 05/28/1999 ABN

## Foreign Applications

Projected Publication Date: To Be Determined - pending completion of Security Review



**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Method and apparatus for production of a cast component

**Preliminary Class**

117

---

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).